

# Balzs Harrach

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

5,144  
citations

35  
h-index

70  
g-index

107  
ext. papers

6,440  
ext. citations

4.4  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
92	Genetic content and evolution of adenoviruses. <i>Journal of General Virology</i> , <b>2003</b> , 84, 2895-2908	4.9	403
91	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2017). <i>Archives of Virology</i> , <b>2017</b> , 162, 2505-2538	3.6	398
90	Consensus statement: Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , <b>2017</b> , 15, 161-168	22.2	375
89	New adenovirus species found in a patient presenting with gastroenteritis. <i>Journal of Virology</i> , <b>2007</b> , 81, 5978-84	6.6	261
88	Detection and analysis of six lizard adenoviruses by consensus primer PCR provides further evidence of a reptilian origin for the adenoviruses. <i>Journal of Virology</i> , <b>2004</b> , 78, 13366-9	6.6	227
87	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). <i>Archives of Virology</i> , <b>2016</b> , 161, 2921-49	2.6	195
86	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2018). <i>Archives of Virology</i> , <b>2018</b> , 163, 2601-2631	3.6	187
85	Revisiting the taxonomy of the family Circoviridae: establishment of the genus Cyclovirus and removal of the genus Gyrovirus. <i>Archives of Virology</i> , <b>2017</b> , 162, 1447-1463	2.6	182
84	Changes to virus taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2019). <i>Archives of Virology</i> , <b>2019</b> , 164, 2417-2429	2.6	171
83	Evidence of molecular evolution driven by recombination events influencing tropism in a novel human adenovirus that causes epidemic keratoconjunctivitis. <i>PLoS ONE</i> , <b>2009</b> , 4, e5635	3.7	166
82	ICTV Virus Taxonomy Profile: Parvoviridae. <i>Journal of General Virology</i> , <b>2019</b> , 100, 367-368	4.9	153
81	Morphological and molecular biological studies on intramuscular Myxobolus spp. of cyprinid fish. <i>Journal of Fish Diseases</i> , <b>2002</b> , 25, 643-652	2.6	135
80	The new scope of virus taxonomy: partitioning the virosphere into 15 hierarchical ranks. <i>Nature Microbiology</i> , <b>2020</b> , 5, 668-674	26.6	87
79	A proposal for a new (third) genus within the family Adenoviridae. <i>Archives of Virology</i> , <b>1998</b> , 143, 829-376	2.6	81
78	Molecular typing of fowl adenoviruses, isolated in Hungary recently, reveals high diversity. <i>Veterinary Microbiology</i> , <b>2013</b> , 167, 357-63	3.3	80
77	DNA sequence of frog adenovirus. <i>Journal of General Virology</i> , <b>2000</b> , 81, 2431-2439	4.9	79
76	First molecular evidence for the existence of distinct fish and snake adenoviruses. <i>Journal of Virology</i> , <b>2002</b> , 76, 10056-9	6.6	69

75	Development of Novel Adenoviral Vectors to Overcome Challenges Observed With HAdV-5-based Constructs. <i>Molecular Therapy</i> , <b>2016</b> , 24, 6-16	11.7	68
74	Additional changes to taxonomy ratified in a special vote by the International Committee on Taxonomy of Viruses (October 2018). <i>Archives of Virology</i> , <b>2019</b> , 164, 943-946	2.6	66
73	Genome analysis of bat adenovirus 2: indications of interspecies transmission. <i>Journal of Virology</i> , <b>2012</b> , 86, 1888-92	6.6	64
72	Ortervirales: New Virus Order Unifying Five Families of Reverse-Transcribing Viruses. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	56
71	A parvovirus isolated from royal python ( <i>Python regius</i> ) is a member of the genus Dependovirus. <i>Journal of General Virology</i> , <b>2004</b> , 85, 555-561	4.9	55
70	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. <i>Archives of Virology</i> , <b>2017</b> , 162, 1441-1446	2.6	53
69	Genomic and phylogenetic analyses of an adenovirus isolated from a corn snake ( <i>Elaphe guttata</i> ) imply a common origin with members of the proposed new genus Atadenovirus. <i>Journal of General Virology</i> , <b>2002</b> , 83, 2403-2410	4.9	53
68	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). <i>Archives of Virology</i> , <b>2021</b> , 166, 2633-2648	2.6	52
67	Molecular confirmation of an adenovirus in brushtail possums ( <i>Trichosurus vulpecula</i> ). <i>Virus Research</i> , <b>2002</b> , 83, 189-95	6.4	51
66	Polysialic acid is a cellular receptor for human adenovirus 52. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4264-E4273	11.5	50
65	Novel adenoviruses and herpesviruses detected in bats. <i>Veterinary Journal</i> , <b>2011</b> , 189, 118-21	2.5	49
64	Close phylogenetic relationship between egg drop syndrome virus, bovine adenovirus serotype 7, and ovine adenovirus strain 287. <i>Virology</i> , <b>1997</b> , 229, 302-8	3.6	48
63	: a Virus Phylum Unifying Seven Families of Rep-Encoding Viruses with Single-Stranded, Circular DNA Genomes. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	47
62	Adenoviruses across the animal kingdom: a walk in the zoo. <i>FEBS Letters</i> , <b>2019</b> , 593, 3660-3673	3.8	46
61	Partial characterization of a new adenovirus lineage discovered in testudinoid turtles. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 17, 106-12	4.5	44
60	Completion of the genome analysis of snake adenovirus type 1, a representative of the reptilian lineage within the novel genus Atadenovirus. <i>Virus Research</i> , <b>2008</b> , 132, 132-9	6.4	39
59	Genomic characterization of human adenovirus 36, a putative obesity agent. <i>Virus Research</i> , <b>2010</b> , 149, 152-61	6.4	38
58	The first whole genome sequence of a Fowl adenovirus B strain enables interspecies comparisons within the genus Aviadenovirus. <i>Veterinary Microbiology</i> , <b>2013</b> , 166, 250-6	3.3	34

57	Characterisation of Potato virus Y nnp strain inducing veinal necrosis in pepper: a naturally occurring recombinant strain of PVY. <i>Archives of Virology</i> , <b>2005</b> , 150, 709-20	2.6	34
56	Complete genome sequences of pigeon adenovirus 1 and duck adenovirus 2 extend the number of species within the genus Aviadenovirus. <i>Virology</i> , <b>2014</b> , 462-463, 107-14	3.6	33
55	Recognition and partial genome characterization by non-specific DNA amplification and PCR of a new siadenovirus species in a sample originating from Parus major, a great tit. <i>Journal of Virological Methods</i> , <b>2010</b> , 163, 262-8	2.6	33
54	Analysis of the first complete genome sequence of an Old World monkey adenovirus reveals a lineage distinct from the six human adenovirus species. <i>Journal of General Virology</i> , <b>2004</b> , 85, 2799-2807	4.9	32
53	ICTV Virus Taxonomy Profile: Ascoviridae. <i>Journal of General Virology</i> , <b>2017</b> , 98, 4-5	4.9	31
52	Genome sequence of a waterfowl aviadenovirus, goose adenovirus 4. <i>Journal of General Virology</i> , <b>2012</b> , 93, 2457-2465	4.9	31
51	Molecular characterization of a lizard adenovirus reveals the first atadenovirus with two fiber genes and the first adenovirus with either one short or three long fibers per penton. <i>Journal of Virology</i> , <b>2014</b> , 88, 11304-14	6.6	29
50	Toward an integrated human adenovirus designation system that utilizes molecular and serological data and serves both clinical and fundamental virology. <i>Journal of Virology</i> , <b>2011</b> , 85, 5703-4	6.6	28
49	Complete genome sequence of simian adenovirus 1: an Old World monkey adenovirus with two fiber genes. <i>Journal of General Virology</i> , <b>2005</b> , 86, 1681-1686	4.9	28
48	Binomial nomenclature for virus species: a consultation. <i>Archives of Virology</i> , <b>2020</b> , 165, 519-525	2.6	27
47	Random sampling of the Central European bat fauna reveals the existence of numerous hitherto unknown adenoviruses. <i>Acta Veterinaria Hungarica</i> , <b>2015</b> , 63, 508-25	1	26
46	DNA sequencing and analysis of the right-hand part of the genome of the unique bovine adenovirus type 10. <i>Journal of General Virology</i> , <b>2004</b> , 85, 593-601	4.9	26
45	Hepatitis and hydropericardium syndrome associated with adenovirus infection in goslings. <i>Acta Veterinaria Hungarica</i> , <b>2010</b> , 58, 47-58	1	25
44	Characterisation of Hungarian porcine circovirus 2 genomes associated with PMWS and PDNS cases. <i>Acta Veterinaria Hungarica</i> , <b>2003</b> , 51, 551-62	1	25
43	Whole-genome sequences of two turkey adenovirus types reveal the existence of two unknown lineages that merit the establishment of novel species within the genus Aviadenovirus. <i>Journal of General Virology</i> , <b>2014</b> , 95, 156-170	4.9	24
42	Molecular confirmation of a new herpesvirus from catfish ( <i>Ameiurus melas</i> ) by testing the performance of a novel PCR method, designed to target the DNA polymerase gene of alloherpesviruses. <i>Archives of Virology</i> , <b>2008</b> , 153, 2123-7	2.6	22
41	Detection of a novel bat gammaherpesvirus in Hungary. <i>Acta Veterinaria Hungarica</i> , <b>2008</b> , 56, 529-38	1	21
40	Four new inverted terminal repeat sequences from bovine adenoviruses reveal striking differences in the length and content of the ITRs. <i>Virus Genes</i> , <b>2001</b> , 22, 175-9	2.3	21

39	Structure and Sialyllactose Binding of the Carboxy-Terminal Head Domain of the Fibre from a Siadenovirus, Turkey Adenovirus 3. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139339	3.7	20
38	Detection and partial genetic characterisation of novel avi- and siadenoviruses in racing and fancy pigeons ( <i>Columba livia domestica</i> ). <i>Acta Veterinaria Hungarica</i> , <b>2016</b> , 64, 514-528	1	19
37	Taxonomy proposal for Old World monkey adenoviruses: characterisation of several non-human, non-ape primate adenovirus lineages. <i>Archives of Virology</i> , <b>2015</b> , 160, 3165-77	2.6	17
36	Genomic and phylogenetic analyses of murine adenovirus 2. <i>Virus Research</i> , <b>2011</b> , 160, 128-35	6.4	17
35	Identification of "water-soluble" toxins produced by a <i>Stachybotrys atra</i> strain from Finland. <i>Applied and Environmental Microbiology</i> , <b>1982</b> , 44, 494-5	4.8	17
34	A novel siadenovirus detected in the kidneys and liver of Gouldian finches ( <i>Erythura gouldiae</i> ). <i>Veterinary Microbiology</i> , <b>2014</b> , 172, 35-43	3.3	16
33	Phylogenetic analysis of adenovirus sequences. <i>Methods in Molecular Medicine</i> , <b>2007</b> , 131, 299-334		16
32	Squirrel adenovirus type 1 in red squirrels ( <i>Sciurus vulgaris</i> ) in Germany. <i>Veterinary Record</i> , <b>2011</b> , 169, 182	0.9	14
31	Human adenovirus type 52: a type 41 in disguise?. <i>Journal of Virology</i> , <b>2008</b> , 82, 3809; author reply 3809-10		14
30	Unconventional gene arrangement and content revealed by full genome analysis of the white sturgeon adenovirus, the single member of the genus Ichtadenovirus. <i>Infection, Genetics and Evolution</i> , <b>2019</b> , 75, 103976	4.5	13
29	Comparative analysis of a conserved gene block from the genome of the members of the genus ictalurivirus. <i>Intervirology</i> , <b>2011</b> , 54, 282-9	2.5	13
28	Sequencing and phylogenetic analysis of the protease gene, and genetic mapping of bovine adenovirus type 10 define its relatedness to other bovine adenoviruses. <i>Virus Research</i> , <b>1998</b> , 55, 29-35	6.4	13
27	Genome analysis of four Old World monkey adenoviruses supports the proposed species classification of primate adenoviruses and reveals signs of possible homologous recombination. <i>Journal of General Virology</i> , <b>2016</b> , 97, 1604-1614	4.9	13
26	Possibility and Challenges of Conversion of Current Virus Species Names to Linnaean Binomials. <i>Systematic Biology</i> , <b>2017</b> , 66, 463-473	8.4	12
25	Investigation of field outbreaks of turkey haemorrhagic enteritis in Hungary. <i>Acta Veterinaria Hungarica</i> , <b>2007</b> , 55, 135-49	1	12
24	DNA sequencing and phylogenetic analysis of the protease gene of ovine adenovirus 3 suggest that adenoviruses of sheep belong to two different genera. <i>Virus Research</i> , <b>2000</b> , 66, 79-85	6.4	12
23	Using the E4orf6-Based E3 Ubiquitin Ligase as a Tool To Analyze the Evolution of Adenoviruses. <i>Journal of Virology</i> , <b>2016</b> , 90, 7350-7367	6.6	11
22	Sequence, transcriptional analysis, and deletion of the bovine adenovirus type 1 E3 region. <i>Virology</i> , <b>1998</b> , 244, 173-85	3.6	11

21	Adenoviruses of the most ancient primate lineages support the theory on virus-host co-evolution. <i>Acta Veterinaria Hungarica</i> , <b>2018</b> , 66, 474-487	1	11
20	Phylogenetic Analysis of Adenovirus Sequences <b>1999</b> , 309-340		8
19	Isolation of macrocyclic and non-macrocyclic trichothecenes (stachybotrys and fusarium toxins) from the Environment of 200 III Sport Horses. <i>Mycotoxin Research</i> , <b>1987</b> , 3, 65-8	4	8
18	Identification and sequence analysis of the core protein genes of bovine adenovirus 2. <i>Virus Research</i> , <b>2000</b> , 70, 25-30	6.4	7
17	Crystallization of the C-terminal head domain of the fibre protein from a siadenovirus, turkey adenovirus 3. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2013</b> , 69, 1135-9		7
16	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , <b>2018</b> , 99, 1494-1508	4.9	7
15	Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant atadenovirus. <i>Virology Journal</i> , <b>2015</b> , 12, 81	6.1	6
14	Taxonomic update for mammalian anelloviruses (family Anelloviridae). <i>Archives of Virology</i> , <b>2021</b> , 166, 2943-2953	2.6	6
13	Isolation and complete genome sequence analysis of a novel ovine adenovirus type representing a possible new mastadenovirus species. <i>Archives of Virology</i> , <b>2019</b> , 164, 2205-2207	2.6	5
12	Identification of two novel adenoviruses in smooth-billed ani and tropical screech owl. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229415	3.7	5
11	Crystal structure of raptor adenovirus 1 fibre head and role of the beta-hairpin in siadenovirus fibre head domains. <i>Virology Journal</i> , <b>2016</b> , 13, 106	6.1	5
10	Taxonomic updates for the genus Gyrovirus (family Anelloviridae): recognition of several new members and establishment of species demarcation criteria. <i>Archives of Virology</i> , <b>2021</b> , 166, 2937-2942	2.6	5
9	ICTV Virus Taxonomy Profile: 2022.. <i>Journal of General Virology</i> , <b>2022</b> , 103,	4.9	5
8	Adenoviruses (Adenoviridae) <b>2021</b> , 3-16		4
7	The complete genome sequence of bearded dragon adenovirus 1 harbors three genes encoding proteins of the C-type lectin-like domain superfamily. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 83, 104321	4.5	3
6	Method for small routine laboratories for the detection of satratoxins in straw samples. <i>Mycotoxin Research</i> , <b>1988</b> , 4, 20-4	4	1
5	Novel adenovirus associated with common tern ( <i>Sterna hirundo</i> ) chicks.. <i>Archives of Virology</i> , <b>2022</b> , 167, 659	2.6	1
4	Bat-borne polyomaviruses in Europe reveal an evolutionary history of intrahost divergence with horseshoe bats distributed across the African and Eurasian continents. <i>Journal of General Virology</i> , <b>2020</b> , 101, 1119-1130	4.9	1

3	Full genome sequence analysis of a novel adenovirus from a captive polar bear ( <i>Ursus maritimus</i> ). <i>Virus Research</i> , <b>2020</b> , 277, 197846	6.4	1
2	Genomic characterization of psittacine adenovirus 2, a siadenovirus identified in a moribund African grey parrot ( <i>Psittacus erithacus</i> ).. <i>Archives of Virology</i> , <b>2022</b> , 167, 911	2.6	0
1	A screening of wild bird samples enhances our knowledge about the biodiversity of avian adenoviruses. <i>Veterinary Research Communications</i> ,	2.9	0